



QUICK REFERENCE GUIDE

ZYE YAG®

REVIEW 1.3 | SEPTEMBER 2021



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ZYE YAG®

REVIEW 1.2 | NOVEMBER 2020

LASER TIGHTENING					
5-15/LT					
TREATMENT AREA	SPOT	MODE	TIME SHOT	POWER	TOTAL ENERGY
Face	10 or 15 mm	INTENSE®	15 s	30-40 W	6 a 7 KJ/ Hemiface
Chest, neck and jowl	10 or 15 mm	INTENSE®	15 s	30-40 W	7 a 10 KJ/ Quadrant
Body	15 mm	INTENSE®	15 s	30-50 W	10 a 14 KJ/ Quadrant

Attention: the temperature of the treated tissue should be increased to 42°C for intense collagen stimulation. After reaching it evenly throughout the quadrant, continue heating for at least 2 minutes.

FACIAL WRINKLES					
3-10/VL ◊ 3-24/HR ◊ 8-18/HR					
TREATMENT	SPOT	MODE	PULSE WIDTH	FLUENCE	PASSES
Fine lines and wrinkles	6, 8 or 10 mm	LONGPULSE®	100 ms	40-60 J/cm²	1
Skin toning	6, 8 or 10 mm	LONGPULSE®	60-100 ms	30-50 J/cm²	1

* Use the handpieces with cooling (by air, through an external cooler, or by the sapphire window); note that the larger the spot, the better the treatment coverage area, but the greater the risk of adverse effects due to the use of excessive energy or pulse time.

THERMAL PEELING						
3-10/VL ◊ 3-24/HR ◊ 5-15/LT						
INDICATION	SPOT	MODE	PULSE WIDTH	FLUENCE	REP. RATE	SHOTS
Rosacea control	3 or 5 mm	DYNAMICS®	200 or 300 µs	10-40 J/cm²	3-10 Hz	500-1000/ Quadrant
Texture and pores	5, 6, 8 or 10 mm	DYNAMICS®	650 µs	8-20 J/cm²	3-10 Hz	500-1000/ Quadrant

ONYCHOMYCOSIS 3-10/VL ◦ 3-24/HR ◦ 5-15/LT					
SPOT	MODE	PULSE WIDTH	FLUENCE	REP RATE	SHOTS
3 mm	DYNAMICS®	300 µs	10-40 J/cm²	3-10 Hz	300-600
5 mm	DYNAMICS®	300 µs	10-12 J/cm²	3-10 Hz	until reaching 42°C
5 mm	LONGPULSE®	40 ms	40-80 J/cm²	1 Hz	until reaching 42°C

* Use the handpieces with cooling (by air, through an external cooler, or by the sapphire window) and insert the cooler between the passes; note that the larger the spot, the better the treatment coverage area, but the greater the risk of adverse effects due to the use of excessive energy or pulse time.

VASCULAR LESIONS OF THE FACE 3-10/VL ◦ 3-24/HR ◦ 5-15/LT					
DIAMETER OF THE VESSEL	SPOT	MODE	PULSE WIDTH	FLUENCE	FREQUENCY
up to 0.5 mm	3 mm	LONGPULSE®	10 ms	100-200 J/cm²	1-2 Hz
0.5 to 1.0 mm	3 mm	LONGPULSE®	10-20 ms	150-275 J/cm²	1-2 Hz
up to 1.0 mm	3 mm	LONGPULSE®	15-20 ms	100-150 J/cm²	1-2 Hz
up to 1.0 mm	3, 5 or 6 mm	DYNAMICS®	650 us	20-50 J/cm²	5-10 Hz
up to 0.5 mm	3 mm	DYNAMICS®	650 us	10-50 J/cm²	5-10 Hz

* Use sapphire cooling of the 3-10/VL handpiece at the maximum level and use guide LASER intensity control for thinner veins and vessels; the 3-24/HR handpiece requires the use of external cooling;

VASCULAR LESIONS OF THE LOWER LIMBS 3-10/VL ◦ 3-24/HR				
DIAMETER OF THE VESSEL	SPOT	MODE	PULSE WIDTH	FLUENCE
0.5 to 1.0 mm	3 mm	LONGPULSE®	10-20 ms	100-300 J/cm²
up to 1.0 mm*	3 mm	LONGPULSE®	15-20 ms	125-250 J/cm²
up to 1.0 mm**	3 or 5 mm	LONGPULSE®	20-30 ms	125-175 J/cm²
1.5 to 2.0 mm	5 or 6 mm	LONGPULSE®	30-40 ms	70-120 J/cm²
2.1 to 4.0 mm	5, 6 or 8 mm	LONGPULSE®	30-60 ms	80-140 J/cm²

* For telangiectasias; **for venulectasias; ***use sapphire cooling of the 3-10/VL handpiece at the maximum level and use guide LASER intensity control for thinner veins and vessels; the 3-24/HR handpiece requires the use of external cooling.

NEVUS RUBI			
3-10/VL ◦ 3-24/HR			
SPOT	MODE	PULSE WIDTH	FLUENCE
3 mm	LONGPULSE®	20-30 ms	100-150 J/cm ²

* Use sapphire cooling of the 3-10/VL handpiece at the maximum level and use guide LASER intensity control for thinner veins and vessels; the 3-24/HR handpiece requires the use of external cooling;

PERMANENT HAIR REDUCTION						
3-24/HR						
SKIN TYPE	HAIR TYPE		SPOT	MODE	PULSE WIDTH	FLUENCE
	COLOR	THICKNESS				
I and II	black	thin / thick	6 mm 10 mm 14 mm 18 mm 20 mm 24 mm	LONGPULSE®	20-30 ms	45-60 J/cm ² 30-40 J/cm ² 24-30 J/cm ² 14-20 J/cm ² 12-18 J/cm ² 10-16 J/cm ²
III			6 mm 10 mm 14 mm 18 mm 20 mm 24 mm	LONGPULSE®	20-30 ms	45-55 J/cm ² 25-35 J/cm ² 20-26 J/cm ² 12-16 J/cm ² 10-14 J/cm ² 8-14 J/cm ²
IV			6 mm 10 mm 14 mm 18 mm 20 mm 24 mm	LONGPULSE®	30-40 ms	40-55 J/cm ² 25-30 J/cm ² 20-24 J/cm ² 10-14 J/cm ² 8-14 J/cm ² 8-12 J/cm ²
V			6 mm 10 mm 14 mm 18 mm 20 mm 24 mm	LONGPULSE®	40 ms	40-50 J/cm ² 25-30 J/cm ² 20-24 J/cm ² 10-14 J/cm ² 6-12 J/cm ² 6-10 J/cm ²
VI			6 mm 10 mm 14 mm 18 mm 20 mm 24 mm	LONGPULSE®	40-50 ms	40-50 J/cm ² 20-30 J/cm ² 16-24 J/cm ² 8-14 J/cm ² 4-10 J/cm ² 2-8 J/cm ²

* Use the handpieces with cooling (by air, through an external cooler, or by the sapphire window); achieve end point for permanent hair reduction, such as perifollicular edema and / or mild erythema.

PERMANENT HAIR REDUCTION						
3-10/VL						
SKIN TYPE	HAIR TYPE		SPOT	MODE	PULSE WIDTH	FLUENCE
	COLOR	THICKNESS				
I and II	black	thin / thick	6 mm 8 mm 10 mm	LONGPULSE®	20-30 ms	50-70 J/cm ² 35-50 J/cm ² 20-35 J/cm ²
III			6 mm 8 mm 10 mm	LONGPULSE®	20-30 ms	45-50 J/cm ² 30-45 J/cm ² 25-35 J/cm ²
IV			6 mm 8 mm 10 mm	LONGPULSE®	30-40 ms	35-40 J/cm ² 25-35 J/cm ² 20-30 J/cm ²
V			6 mm 8 mm 10 mm	LONGPULSE®	40 ms	35-40 J/cm ² 30-35 J/cm ² 20-30 J/cm ²
VI			6 mm 8 mm 10 mm	LONGPULSE®	40-50 ms	30-35 J/cm ² 25-30 J/cm ² 24-30 J/cm ²

* Use the handpieces with cooling (by air, through an external cooler, or by the sapphire window); achieve end point for permanent hair reduction, such as perifollicular edema and / or mild erythema.

PERMANENT HAIR REDUCTION						
8-18/HR						
SKIN TYPE	HAIR TYPE		SPOT	MODE	PULSE WIDTH	FLUENCE
	COLOR	THICKNESS				
I and II	black	thin / thick	8 mm 10 mm 12 mm 14 mm 16 mm 18 mm	LONGPULSE®	20-30 ms	35-45 J/cm² 30-40 J/cm² 26-30 J/cm² 24-30 J/cm² 18-20 J/cm² 14-20 J/cm²
			08 mm 10 mm 12 mm 14 mm 16 mm 18 mm	LONGPULSE®	20-30 ms	45-50 J/cm² 25-35 J/cm² 24-30 J/cm² 20-26 J/cm² 16-20 J/cm² 12-16 J/cm²
IV			8 mm 10 mm 12 mm 14 mm 16 mm 18 mm	LONGPULSE®	30-40 ms	35-40 J/cm² 25-30 J/cm² 22-28 J/cm² 20-26 J/cm² 14-29 J/cm² 10-14 J/cm²
V e VI			8 mm 10 mm 12 mm 14 mm 16 mm 18 mm	LONGPULSE®	40 - 50 ms	30-40 J/cm² 20-30 J/cm² 20-26 J/cm² 20-24 J/cm² 12-16 J/cm² 10-14 J/cm²

* Use the handpieces with cooling (by air, through an external cooler, or by the sapphire window); achieve end point for permanent hair reduction, such as perifollicular edema and / or mild erythema.

ZYE[®] D[®]

PROTOCOL

RED CARPET						
Achieve a glow and tightening effect with no downtime						
HANDPIECE	SPOT	MODE	PULSE WIDTH	FLUENCE	REP. RATE	SHOTS
DualMode [®]	InLift [®]	Fractional	-	30-40 mJ/mtz	0.5-1 Hz	100-150/ Side and 20-30/ Lip
3-10/VL 3-24/HR 5-15/LT	5 mm	DYNAMICS [®]	200-650 us	8-20 J/cm ²	5-10 Hz	500/ Quadrant
DualMode [®]	12 mm collimated	-	200 us	0.25 J/cm ²	10 Hz	1.000/ Quadrant
5-15/LT	10 or 15 mm	INTENSE [®]	15 s (time shot)	30-40 W	-	6 to 7 KJ/ Hemiface

GOLD						
Fine lines treatment and eyelids resurfacing, wit no downtime						
HANDPIECE	SPOT	MODE	PULSE WIDTH	FLUENCE	REP. RATE	SHOTS
DualMode [®]	InLift [®]	Fractional	-	30-40 mJ/mtz	0.5-1 Hz	100-150/ Side and 20-30/ Lip
3-10/VL 3-24/HR 5-15/LT	5 mm	DYNAMICS [®]	200-650 us	8-20 J/cm ²	5-10 Hz	500/ Quadrant
DualMode [®]	TrueLift [®] 8 mm	-	-	15-25 mJ/mtz	1 Hz	30-50/ Eyelid
DualMode [®]	12 mm collimated	-	200 us	0.25 J/cm ²	10 Hz	500 to 1000/ Quadrant

GLOW						
Achieve a glow effect and pore reduction, with no downtime						
HANDPIECE	SPOT	MODE	PULSE WIDTH	FLUENCE	REP. RATE	SHOTS
3-10/VL 3-24/HR 5-15/LT	5 mm	DYNAMICS®	650 us	10-20 J/cm ²	5-10 Hz	500 / Quadrant
ACROMA-QS®	7 mm	-	-	900-1200 mJ	5 Hz	6 to 8 passes/ Quadrant
DualMode®	12 mm collimated	-	200 us	0.25 J/cm ²	10 Hz	500 to 1000/ Quadrant

BLACK DRESS						
Treat grooves and fine lines with minimum downtime						
HANDPIECE	SPOT	MODE	PULSE WIDTH	FLUENCE	REP. RATE	SHOTS
DualMode®	InLift®	Fractional	-	30-40 mJ/mtz	0.5-1 Hz	100-150/ Side and 20-30/ Lip
ProDeep®	8/100 mtz	-	3 ms	90-100 mJ/mtz	1 Hz	Cover the whole area
DualMode® + Drug Delivery	12 mm collimated	-	200 us	0.25 J/cm ²	10 Hz	500 to 1.000/ Quadrant

VELVET						
Reduce pore size, grooves and fine lines, with minimum downtime						
HANDPIECE	SPOT	MODE	PULSE WIDTH	FLUENCE	REP. RATE	SHOTS
3-10/VL 3-24/HR 5-15/LT	5 mm	DYNAMICS®	650 us	10-20 J/cm ²	5-10 Hz	500/ Quadrant
ACROMA-QS®	7 mm	-	-	900-1200 mJ	5 Hz	6 to 8 passes
ProDeep®	8/100 mtz	-	3 ms	90-100 mJ/mtz	1 Hz	Cover the whole area

BEAUTY Skin Lightening and improved texture, with minimum downtime						
HANDPIECE	SPOT	MODE	PULSE WIDTH	FLUENCE	REP. RATE	SHOTS
3-10/VL 3-24/HR 5-15/LT	5 mm	DYNAMICS®	650 us	10-20 J/cm ²	5-10 Hz	500/ Quadrant
DualMode® + <i>Drug Delivery</i>	8/400 mtz	Single Mode	300 us	2.0 mJ/mtz	3 Hz	Cover the whole area

SHINE Skin Lightening with minimum downtime						
HANDPIECE	SPOT	MODE	PULSE WIDTH	FLUENCE	REP. RATE	SHOTS
IPL-Sq®	540 or 580 nm	DYNAMICS®	10 ms	4-7 J/cm ²	3 Hz	Until endpoint
ACROMA-QS®	7 mm	-	-	900-1200 mJ	5 Hz	6 to 8 passes
DualMode® + <i>Drug Delivery</i>	8/400 mtz	Single Mode	300 us	2-3 mJ/mtz	3 Hz	Cover the whole area

MAGNIFIC Achieve a glow effect and eyelid resurfacing, with no downtime						
HANDPIECE	SPOT	MODE	PULSE WIDTH	FLUENCE	REP. RATE	SHOTS
DualMode®	InLift®	Fractional	-	30-40 mJ/mtz	0.5-1 Hz	100-150/ Side and 20-30/ Lip
IPL-Sq®	695 nm	DYNAMICS®	10 ms	4-7 J/cm ²	3 Hz	Until endpoint
DualMode®	TrueLift®	-	-	15-25 mJ/mtz	-	30-50/ Eyelid
DualMode® + <i>Drug Delivery</i>	12 mm collimated	-	200 us	0.25 J/cm ²	10 Hz	500 to 2.000/ Quadrant

Preparation	Review	Approval
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Renata Novais		

Review	Date	Description	Person in charge
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